

ABSTRACT OF THE DISCLOSURE

To make simple in structure and to still ensure precise disc loading, a disc loading-and-unloading structure for a disc apparatus comprises a drive motor, a drive roll assembly, a free-roll slider, a rotary lever, a slider, and link-and-spring connection means. The drive roll assembly has first and second drive rolls, an intervening transmission gear wheel, and a rotatable arm plate. The first drive roll is rotatably fixed to a stationary stud axle next to one end of the disc slot, and is connected to the drive motor. The first and second drive rolls are fixed to the opposite ends of the rotatable arm plate with the intervening transmission gear wheel sandwiched therebetween. The free-roll slider is next to the other end of the disc slot. The free-roll slider has first and second free rolls, and a slidable arm plate, and the first and second free rolls are fixed to the opposite ends of the slidable arm plate. The rotary lever lies on the rear side of the chassis so that its free end may abut on the disc when advancing toward the final rear position. The slider is operatively connected to the rotary lever. The link-and-spring connection means normally urges the free-roll slider toward the drive roll assembly, allowing the free-roll slider to move apart from the drive roll assembly as a counter action to the hitting-and-pushing by a disc when inserted from the disc slot.